

11711 HERMITAGE ROAD, SUITE #5
 LITTLE ROCK, AR 72211
 License #: BL157155
 Phone: 501-516-8028

Certificate of Analysis

Client Name: Beyond Organic Nutritionals
Address: 5488 Country Rd. 333 Koshkonong, MO 65692
Phone: (417) 264-3166
License Number:

Sample ID: AR2476
Sample Name: Organic CBD Brain Boost
Sample Matrix: Capsule
Date Received: 8/12/2021
Batch ID: 051692111A
State ID: 20mg / 30ct.
Date Reported: 8/19/2021
Capsule Mass: 1.15
Package Mass: 33.24
Servings: 30

Sample Result: PASS



Cannabinoids

Standard potency analysis utilizing Ultra High Performance Liquid Chromatography (UHPLC; SOP-068-AR) | Test ID: #13393

Analyte	%	mg/g	mg/serving	mg/package	LOD (mg/g)	LOQ (mg/g)
CBC	0.182	1.816	2.012	60.365	0.01	0.04
CBD	2.21	22.098	24.483	734.491	0.02	0.06
CBDA	0.004	0.042	0.047	1.397	0.01	0.03
CBDV	0.005	0.052	0.058	1.728	0.01	0.04
CBG	0.026	0.264	0.293	8.776	0.02	0.06
CBGA	ND	ND	ND	ND	0.01	0.03
CBN	0.02	0.196	0.217	6.518	0.01	0.03
9-THC	0.047	0.469	0.519	15.579	0.02	0.06
delta-8-THC	ND	ND	ND	ND	0.01	0.03
THCA	ND	ND	ND	ND	0.01	0.03
THCV	< LOQ	< LOQ	< LOQ	< LOQ	0.02	0.06

Total Cannabinoids				
	%	mg/g	mg/serving	mg/package
Total THC:	0.047	0.469	0.519	15.579
Total CBD:	2.214	22.135	24.524	735.716
Total Cannabinoids:	2.494	24.937	27.628	828.853

Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-AR) This method is not included in our ISO accreditation scope. | Test ID: #13405

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
α-Pinene	0.003	0.027	0.012	0.039
β-Pinene	ND	ND	0.011	0.037
β-myrcene	ND	ND	0.010	0.034
Limonene	0.004	0.036	0.008	0.028
Terpinolene	0.004	0.041	0.031	0.102
Linalool	ND	ND	0.023	0.076
β-Caryophyllene	0.025	0.252	0.020	0.067
α-Humulene	0.009	0.092	0.014	0.047
Caryophyllene Oxide	0.014	0.145	0.038	0.127



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Total Terpenes	
%	mg/g
0.059	0.59

Residual Solvents

PASS

 Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS; SOP-010-AR) - **Limit units: µg/g** | Test ID: #13395

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
1-Butanol	PASS	ND	5000	5.078	16.926
1-Pentanol	PASS	ND	5000	10.155	33.851
1-Propanol	PASS	ND	5000	5.078	16.926
1,2-Dimethoxyethane	PASS	ND	100	5.078	16.926
1,4-Dioxane	PASS	ND	380	5.078	16.926
2-Butanol	PASS	ND	5000	5.078	16.926
2-Butanone	PASS	ND	5000	5.078	16.926
2-Ethoxyethanol	PASS	ND	160	10.155	33.851
2-Methylbutane	PASS	ND	5000	5.078	16.926
2-Methylpentane	PASS	ND	290	5.078	16.926
2-Propanol (IPA)	PASS	ND	5000	5.078	16.926
2,2-Dimethylbutane	PASS	ND	290	5.078	16.926
2,3-Dimethylbutane	PASS	ND	290	5.078	16.926
3-Methylpentane	PASS	ND	290	5.078	16.926
Acetone	PASS	ND	5000	5.078	16.926
Acetonitrile	PASS	ND	410	5.078	16.926
Benzene	PASS	ND	2	0.328	1.061
n-Butane	PASS	ND	5000	5.078	16.926
Cumene	PASS	ND	70	5.078	16.926
Cyclohexane	PASS	ND	3880	5.078	16.926
Dichloromethane	PASS	ND	600	9.322	31.072
Dimethyl Sulfoxide	PASS	ND	5000	5.078	16.926
Ethanol	PASS	ND	5000	5.078	16.926
Ethyl Acetate	PASS	ND	5000	5.078	16.926
Ethyl Ether	PASS	ND	5000	5.078	16.926
Ethylene Glycol	PASS	ND	620	36.706	122.370
Ethylene Oxide	PASS	ND	50	5.078	16.926
n-Heptane	PASS	ND	5000	5.078	16.926
n-Hexane	PASS	ND	290	5.078	16.926
Isopropyl Acetate	PASS	ND	5000	5.078	16.926
Methanol	PASS	ND	3000	5.078	16.926
Methylpropane	PASS	ND	5000	5.078	16.926
N,N-Dimethylacetamide	PASS	ND	1090	20.311	67.702
N,N-Dimethylformamide	PASS	ND	880	20.311	67.702
n-Pentane	PASS	ND	5000	5.078	16.926
Propane	PASS	ND	5000	5.078	16.926
Pyridine	PASS	ND	200	10.155	33.851
Sulfolane	PASS	ND	160	36.706	122.370
Tetrahydrofuran	PASS	ND	720	5.078	16.926
Toluene	PASS	ND	890	5.078	16.926
Xylenes	PASS	ND	2170	20.387	68.006



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Pesticides

PASS

Residual pesticide analysis utilizing Liquid and Gas Chromatography – Mass Spectrometry (LC-MSMS + GC-MSMS; SOP-070-AR + SOP-073-AR)

- Limit units: ug/g = ppm | Test ID: #13394

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
Abamectin	PASS	ND	0.500	0.034	0.112
Acephate	PASS	ND	0.400	0.024	0.079
Acequinocyl	PASS	ND	2.000	0.135	0.451
Acetamiprid	PASS	ND	0.200	0.024	0.080
Aldicarb	PASS	ND	0.400	0.017	0.056
Azoxystrobin	PASS	ND	0.200	0.022	0.072
Bifenazate	PASS	ND	0.200	0.015	0.050
Bifenthrin	PASS	ND	0.200	0.034	0.114
Boscalid	PASS	ND	0.400	0.039	0.129
Carbaryl	PASS	ND	0.200	0.014	0.048
Carbofuran	PASS	ND	0.200	0.017	0.057
Chlorantraniliprole	PASS	ND	0.200	0.026	0.088
Chlorfenapyr	PASS	ND	1.000	0.027	0.079
Chlorpyrifos	PASS	ND	0.200	0.025	0.082
Clofentezine	PASS	ND	0.200	0.034	0.113
Cyfluthrin	PASS	ND	1.000	0.041	0.121
Cypermethrin	PASS	ND	1.000	0.041	0.124
Daminozide	PASS	ND	1.000	0.050	0.165
Diazinon	PASS	ND	0.200	0.018	0.058
DDVP (Dichlorvos)	PASS	ND	0.100	0.023	0.077
Dimethoate	PASS	ND	0.200	0.024	0.078
Ethoprophos	PASS	ND	0.200	0.024	0.078
Etofenprox	PASS	ND	0.400	0.033	0.111
Etoxazole	PASS	ND	0.200	0.027	0.090
Fenoxycarb	PASS	ND	0.200	0.021	0.071
Fenpyroximate	PASS	ND	0.400	0.017	0.057
Fipronil	PASS	ND	0.400	0.033	0.111
Flonicamid	PASS	ND	1.000	0.043	0.142
Fludioxonil	PASS	ND	0.400	0.040	0.135
Hexythiazox	PASS	ND	1.000	0.018	0.059
Imazalil	PASS	ND	0.200	0.039	0.131
Imidacloprid	PASS	ND	0.400	0.019	0.062
Kresoxim-methyl	PASS	ND	0.400	0.016	0.055
Malathion	PASS	ND	0.200	0.011	0.038
Metalaxyl	PASS	ND	0.200	0.017	0.056
Methiocarb	PASS	ND	0.200	0.016	0.054
Methomyl	PASS	ND	0.400	0.024	0.081
Methyl parathion	PASS	ND	0.200	0.027	0.079
MGK-264	PASS	ND	0.200	0.008	0.028
Myclobutanil	PASS	ND	0.200	0.020	0.068
Naled	PASS	ND	0.500	0.036	0.121
Oxamyl	PASS	ND	1.000	0.034	0.114
Paclobutrazol	PASS	ND	0.400	0.029	0.096
Permethrins	PASS	ND	0.200	0.025	0.074
Phosmet	PASS	ND	0.200	0.025	0.085
Piperonyl Butoxide	PASS	ND	2.000	0.017	0.056
Prallethrin	PASS	ND	0.200	0.017	0.056
Propiconazole	PASS	ND	0.400	0.012	0.040
Propoxur	PASS	ND	0.200	0.013	0.043
Pyrethrins	PASS	ND	1.000	0.055	0.184
Pyridaben	PASS	ND	0.200	0.028	0.093
Spinosad	PASS	ND	0.200	0.031	0.105
Spiromesifen	PASS	ND	0.200	0.027	0.091
Spirotetramat	PASS	ND	0.200	0.013	0.044
Spiroxamine	PASS	ND	0.400	0.041	0.135
Tebuconazole	PASS	ND	0.400	0.012	0.040
Thiacloprid	PASS	ND	0.200	0.014	0.047
Thiamethoxam	PASS	ND	0.200	0.014	0.047
Trifloxystrobin	PASS	ND	0.200	0.017	0.058



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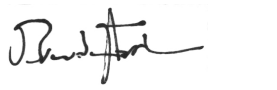
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Brandon Thornton
Pharm D. Co-Owner & CEO
Date: 8/19/2021



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